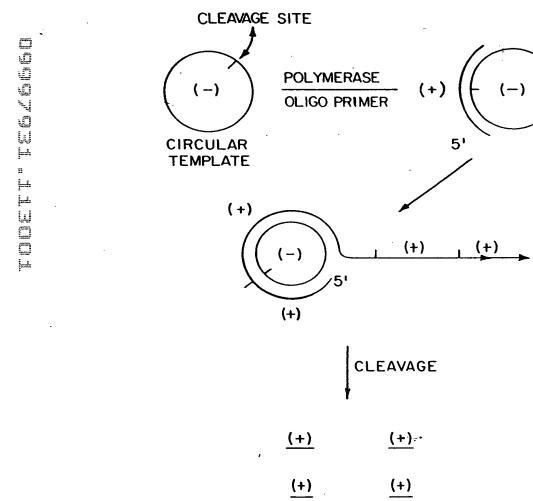
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DESIRED AMPLIFIED **OLIGOMERS**

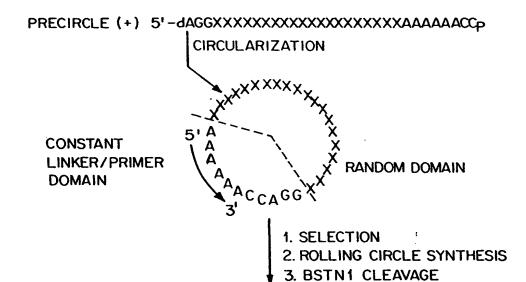
Fig. 1

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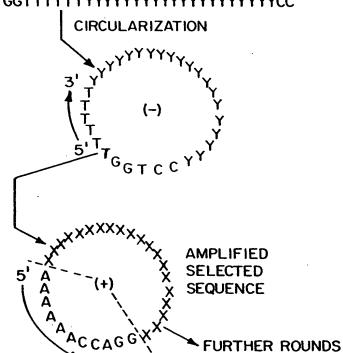
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(-) 5'-pdTGGTTTTTTYYYYYYYYYYYYYYYYYYYYYY



OF SELECTION/ AMPLIFICATION

1. ROLLING CIRCLE SYNTHESIS

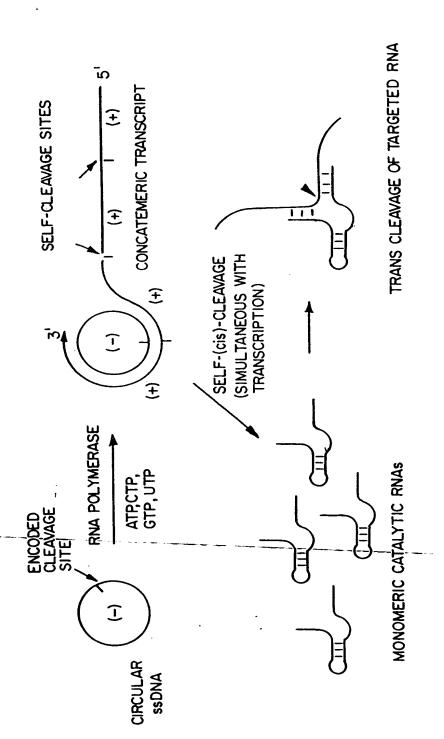
- 2. BSTN1 CLEAVAGE
- 3. CIRCULARIZATION

Fig. 2

Title: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA Applicant(s): Eric T. Kool
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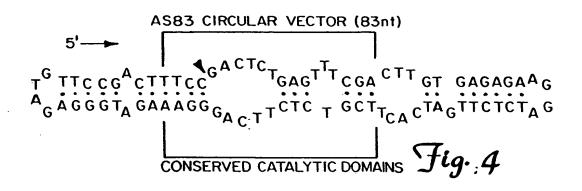


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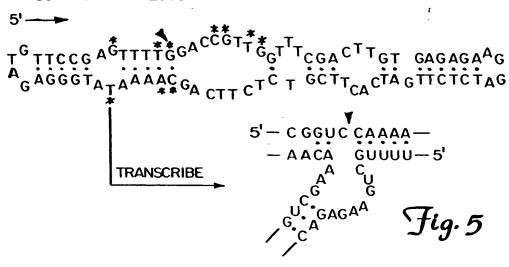
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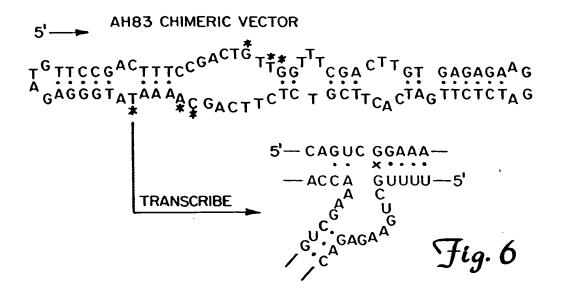
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H83 CIRCULAR VECTOR

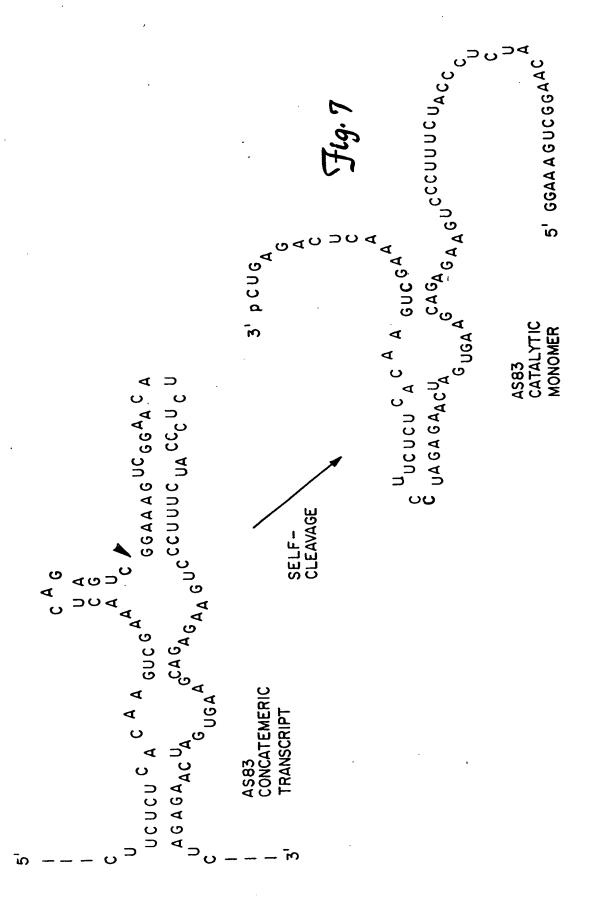


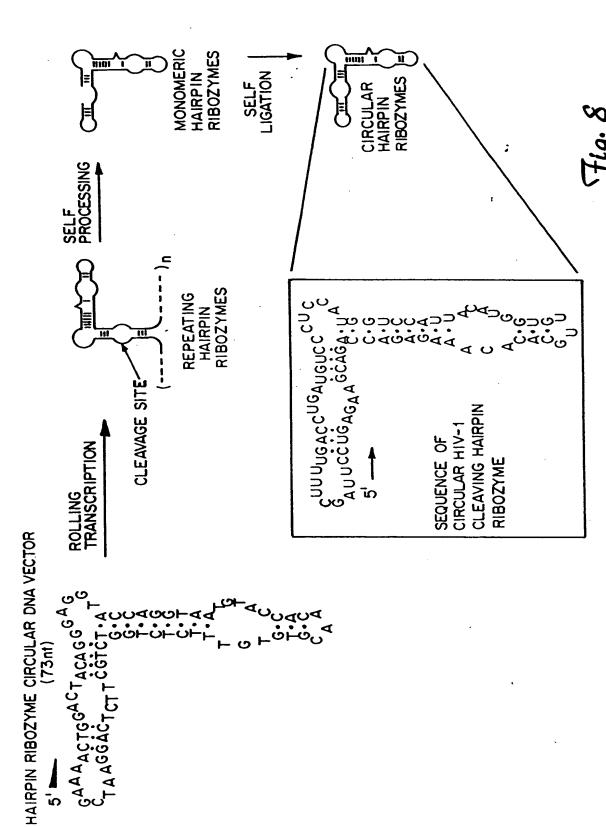


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Title: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA Applicant(s): Eric T. Kool
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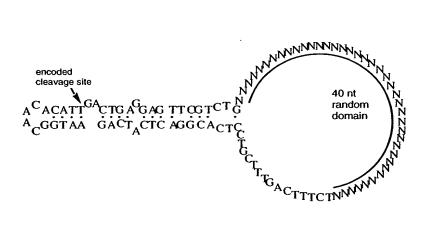


Figure 9A

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Applicant(s): Eric T. Kool Serial No.: Unknown Express Mail No.: EL88827

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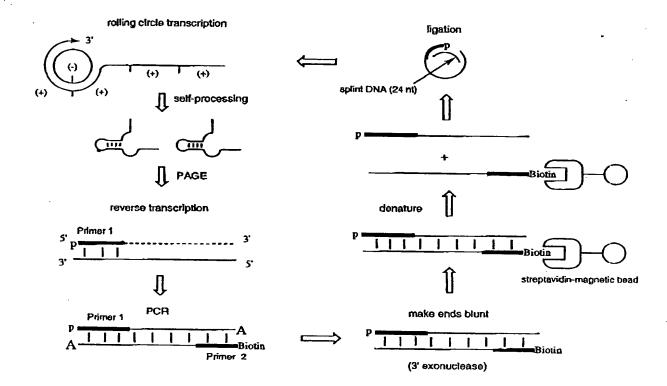


Figure 9B

Title: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA Applicant(s): Eric T. Kool
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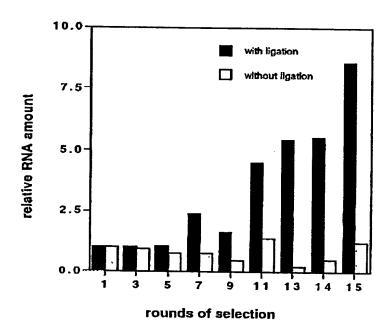


Figure 10

Title: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA

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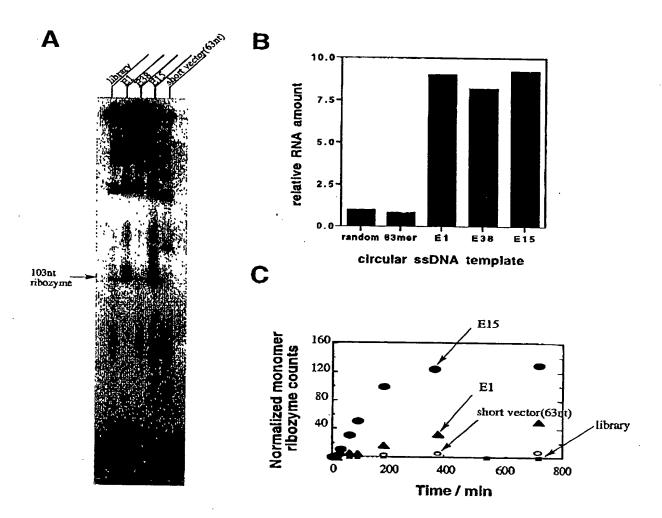
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-TETTTEA GITTEGTECTCACGGACTCATCAGAATGGCAACACATT GCAACGAATCAGACTCTTTCGGTGACATTGCCCAGTTTAT GCAACGAATCAGACTCTTTCGGTGACATTGCCCAGTTTAT morif I GCAACGAATCAGACTCTTTCGGTGACATTGCCCAGTTTAT GCAACGAATCAGACTCTTTCGGTGACATTGCCCAGTTTAT GCCACGATCTGAATAGTCGTTCATCCTTAGCGGTAGCGAA motif II TCACGATCTGAATAGTCGTTCATCCTCAGCGGTAGCGAA GCCACGATCTGAATAGTCGTTCATCCTCAGCGGTAGCGAA 11 GCITAAG GATTAA TTGC ATGTTA TTCTTTA GGAGCCTCGA motif III TTGC TACGAC TTCTTTA TTTACCACGATGC E15 15 GTA AAG TATO ² GAGCAGTGGTCAACTGACGGCTTCGAAATGATATGCAGCG other 6 TATGACGATAGGATTAGACGTGTGGGGGTATTTTCACTAC 17 GTCTCACTCGGAGGAGGAGTCTGACAAGATGGGATGCTGC 19 GGTATTGCAGACTATTTAGCCTCTGAGAGCCAGAACGGTC 21 GAGTGGTAAGTACTGGGAGCCCCTCACGACAACGAACAA 25 GTGCTATTCGTGGCTATACTGTTAATGTGTCGCACCATTC 28 GGCCCGTTTAGGTACAATCACATGTACTAGCGTTGTGGT 31 GTAGGGTTAATATCCTTCTCGTATGACCGTGGAAGACGTC 34 GGATGCGTAGCGTAAAGCGTTCGTATCTCGAGGTAAGCTT 37 GAGCCATGGAGCATACTAGTTGAACTCTAGCTTCTAGTCC

Figure 11

TOOELT. TEGZOPE

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12 Figure

Title: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA Applicant(s): Eric T. Kool
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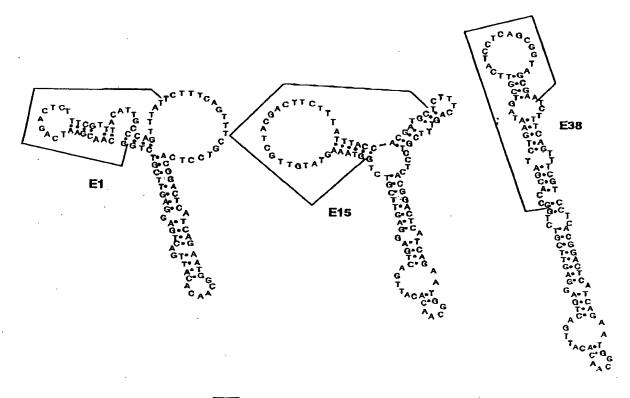


Figure 13

Title: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA Applicant(s): Eric T. Kool
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Figure 14

63nt ribozyme

103nt ribozyme

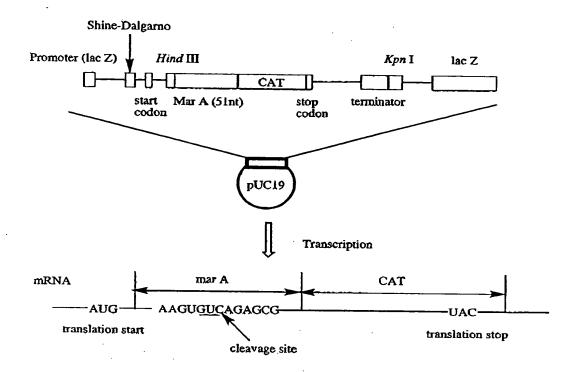


Figure 15

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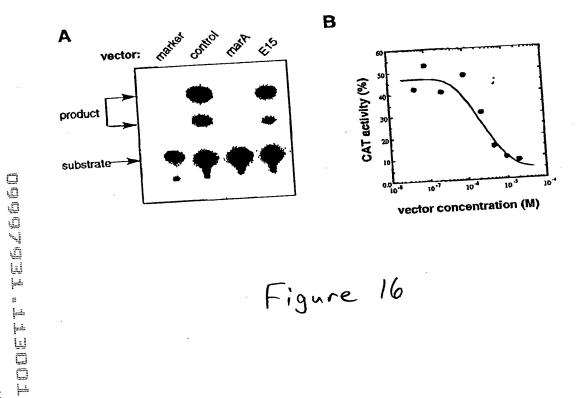


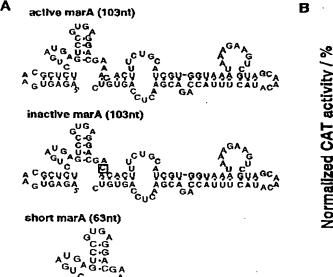
Figure 16

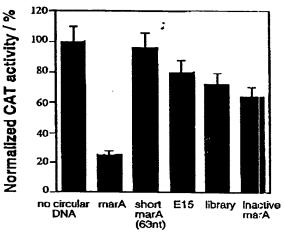
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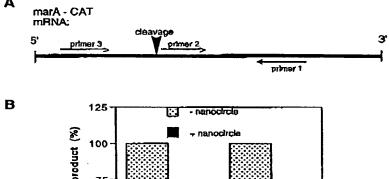


Circular ssDNA vector

Figure 17

TOOSY LE L'ELE L'ELE





normalized HT-PCR product (%) 75 50 25 101nt fragment 60nt fragment

Figure 18

TOOET. TEGZEGO

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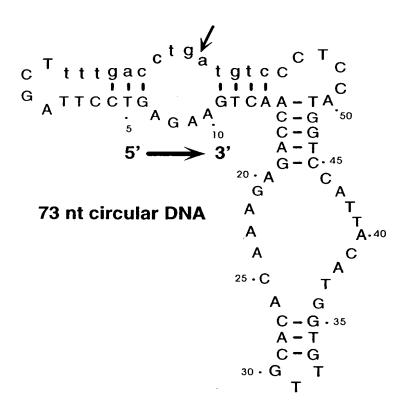
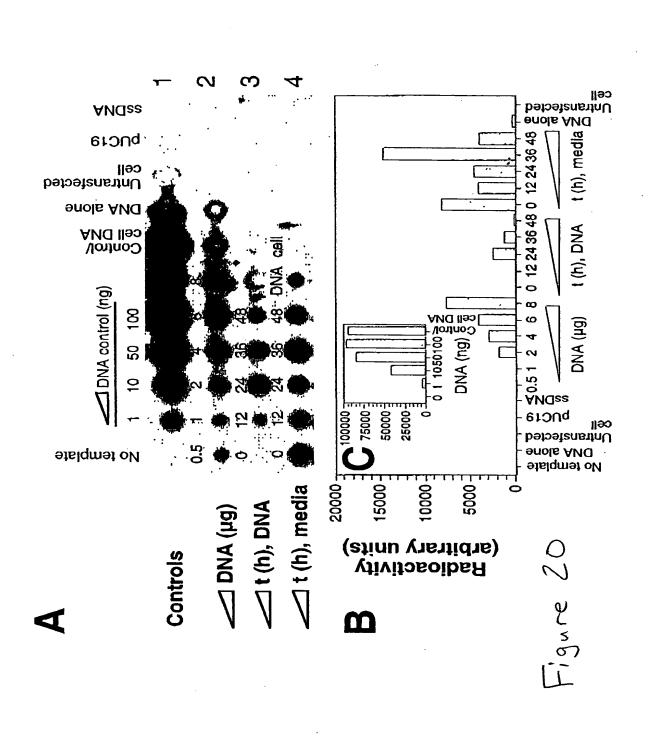


Fig. 19



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Title: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA

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Applicant(s): Eric T. Kool

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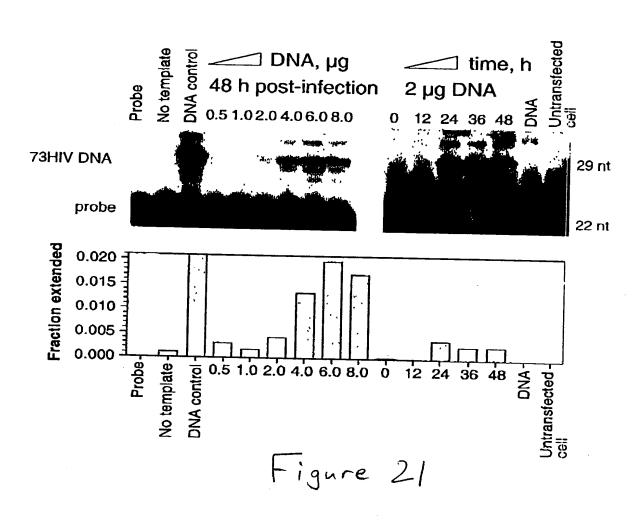
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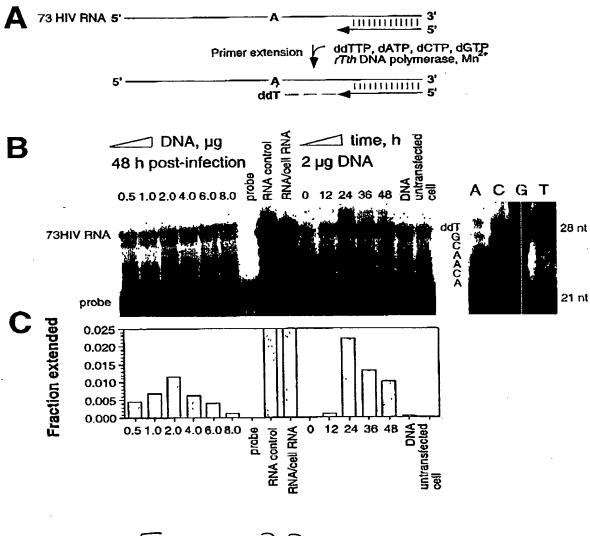


Figure 22